



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/667,662	09/23/2003	Chang Sup Lee	3449-0272P	9108
2292 7590 02/07/2008 BIRCH STEWART KOLASCH & BIRCH PO BOX 747 FALLS CHURCH, VA 22040-0747			EXAMINER PARRA, OMAR S	
			ART UNIT 2623	PAPER NUMBER
			NOTIFICATION DATE 02/07/2008	DELIVERY MODE ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

mailroom@bskb.com

Office Action Summary**Application No.**

10/667,662

Applicant(s)

LEE ET AL.

Examiner

Omar Parra

Art Unit

2623

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 November 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-22 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-22 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims **1-22** have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. Claims **1-22** are rejected under 35 U.S.C. 102(e) as being anticipated by Daniels (Pub. No. 2003/0074672).

Regarding claims 1, 11 and 12, Daniels teaches an apparatus for displaying digital television broadcasting ([0023], [0083], [0092], and [0124]), comprising:

a processing means for separating AV broadcast signals and data broadcast signals from digital television broadcast signals of at least one channel (**Video data and hyperlinks or other data are broadcast and received by the gateway. The processing means of the gateway determines the presence of the hyperlinks, and maps the location or coordinates where the hyperlinks or other data is going to**

be displayed on the screens, and stores the hyperlinks with their respective location. Therefore, by mapping and storing the hyperlinks and their location, a separation is made; [0078]-[0081], [0087]-[0092], [0095]);

an input means for inputting a display setup request ([0097] lines 11-19 on page 10; [0013], [0025], [0085], [0094]);

a mixing means for selectively mixing the AV broadcast signals and the data broadcast signals according to the display setup request inputted from the input means ([0015], [0024], [0084], [0087], [0095]);

a home network ([0025], [0028]-[0030], [0118]);

a first display means for displaying the selectively mixed signals directly from the mixing means (Any of the A# or B# devices, Fig. 1; any on Fig. 24; Fig. 25, Fig. 31 [0011], [0024], [0078]; [0084], [0095], [0134], [0154]) and

at least one display means other than the first display means and other than the input means for displaying the selectively mixed signals via the home network (Any other device not picked above on Figs. 1, 24, 25, 31, [0011], [0024], [0078]; [0084], [0095], [0134], [0154]).

Regarding claims 2 and 13, Daniels teaches an apparatus for displaying digital television broadcasting further comprising receiving the broadcast signals by corresponding tuners (TV tuners, Figs. 20, 22-24, [00118], [0078], and [0087]).

Regarding claims 3 and 14, Daniels teaches an apparatus for displaying digital television broadcasting (with respective method) wherein the display setup request includes the kinds of display units and screen configurations of display units ([0023], [0083], [0088], [0093], [0013], [0025], [0085], and [0093]).

Regarding claims 4, 7 and 18, Daniels teaches an apparatus for displaying digital television broadcasting (with respective method) further comprising displaying the AV broadcast signal of one on at least one display unit (**Multiple display devices are able to display video and data simultaneously, video only or data only – [0024], [0084], [0095], ; each display is able to show multiple channels and data on the same screen – [0134], [0154] ; and two different displays can tune to different channels [0095]).**

Regarding claims 5, 8, 9, 17 and 19 Daniels teaches an apparatus for displaying digital television broadcasting (with respective method) further comprising displaying the AV broadcast signal of one channel and the data broadcast signals of other channels on one display unit other than the first display unit (**Multiple display devices are able to display video and data simultaneously, video only or data only – [0024], [0084], [0095], ; each display is able to show multiple channels and data on the same screen – [0134], [0154] ; and two different displays can tune to different channels [0095]).**

Regarding claim 6, Daniels teaches an apparatus for displaying digital television broadcasting (with respective method) further comprising further comprising displaying the data broadcast signal of one on another display unit than the first display unit **(Multiple display devices are able to display video and data simultaneously, video only or data only – [0024], [0084], [0095], ; each display is able to show multiple channels and data on the same screen – [0134], [0154] ; and two different displays can tune to different channels [0095]).**

Regarding claims 10 and 20, Daniels teaches an apparatus for displaying digital television broadcasting (with respective method) wherein display includes any one of a television display device, a monitor display device, and a terminal display device **(Devices A# and B#, Fig. 1, Fig. 25, 27, 31).**

Regarding claim 15, Daniels teaches an apparatus for displaying digital television broadcasting (with respective method) wherein the input means is any one of a remote controller, a keyboard, a mouse, a keypad, and a touch pad **([0097], [0118]).**

Regarding claim 16, Daniels teaches an apparatus for displaying digital television broadcasting (with respective method) wherein the first display means include a first display unit for displaying AV broadcast signal of one channel, a second display unit for displaying data broadcast signal of one channel; and a third display unit for displaying the AV broadcast signal and the data broadcast **(Multiple display devices are able to**

display video and data simultaneously, video only or data only – [0024], [0084], [0095], ; each display is able to show multiple channels and data on the same screen – [0134], [0154] ; and two different displays can tune to different channels [0095]).

Regarding claims 21 and 22, Daniels teaches an apparatus for displaying digital television broadcasting (with respective method) wherein the different display units are associated with an electronic kettle, a refrigerator, or a washing machine **(Given the mobility of the wireless display, it is inherent that the device can be placed in part of the household, where if placed at the refrigerator or any other device, the display would be associated to it by being the ‘refrigerator’s display).**

Conclusion

4. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

Application/Control Number:
10/667,662
Art Unit: 2623

Page 7


the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Omar Parra whose telephone number is 571-270-1449. The examiner can normally be reached on Under Academy Schedule.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher Grant can be reached on 571-272-7294. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

OP


CHRISTOPHER GRANT
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600